

1006 Rec'd PCT/PTO 29 SEP 2005

PATENT
Attorney Docket No.: UCSD1420-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Sareen et al. Art Unit: Not Yet Assigned
Application No.: 10/511,244 Examiner: Not Yet Assigned
I.A. Filing Date: April 15, 2003 Conf. No.: 8727
Title: METHODS OF USE OF THE ENZYMES OF MYCOTHIOL SYNTHESIS

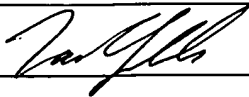
Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35
U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 mailed August 2, 2005, enclosed are:

1. One (1) copy of the Notification of Missing Requirements Under 35 U.S.C. 371 mailed August 2, 2005 (3 pages);
2. One (1) executed Declaration For Patent Application (7 pages);
3. Two (2) Powers of Attorney by Assignee (2 pages each);
4. Amendment in Response to Notification of Missing Requirements (3 pages);

CERTIFICATION UNDER 37 CFR §1.10 "EXPRESS MAIL" Mailing Label Number: EV 627 502 339 US Date of Deposit: September 29, 2005	
I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
JOSH GIBBS (Name of Person Mailing Paper)	
 (Signature)	September 29, 2005 (Date)

In re Application of:

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5. Statement under 37 CFR § 1.821(f) and (g), 37 CFR §§ 1.825(a) and (b) (2 pages);
6. Verified Statement under 37 CFR § 1.821(f) (1 page);
7. Sequence Listing (38 pages);
8. One (1) CFR Disk Containing Sequence Listing; and
9. Return Receipt Postcard.

Applicants claim **SMALL ENTITY** status in the above-identified application. Pursuant to 37 C.F.R. § 1.27, a verified statement claiming small entity status is not required.

The filing fee has been calculated as follows.

	Number Filed		Number Extra		Rate			Fee	
					Small Entity	Large Entity		Small Entity	Large Entity
Total Claims	127-20	=	107	X	\$9	\$18	=	[\$ 963.00]	\$.00
Independent Claims	21-3	=	18	X	\$44	\$88	=	[\$ 792.00]	\$.00
Multiple Dependent Claims Present: ____ Yes <input checked="" type="checkbox"/> No					\$180	\$360		N/A	N/A
Fee for Each Additional 50 Sheets in Excess of 100 Pages					\$125	\$250		N/A	N/A
					NATIONAL FILING FEES			[\$ 395.00]	\$ 790.00
					SURCHARGE FEE			[\$ 65.00]	\$ 130.00
					TOTAL FEE			\$ 0.00	

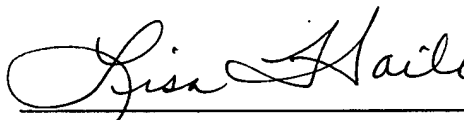
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Pursuant to the conversation between our office and Frederick Smith of the U.S. Patent and Trademark Office on September 27, 2005 and contrary to the Notification of Missing Requirements, no fee is deemed necessary in connection with the filing of this paper. Mr. Smith informed us that our Deposit Account No. 07-1896 would be charged a total of \$345.00 to cover the outstanding Basic National Fees due for this application. Mr. Smith confirmed that all additional claims fees were paid with the initial filing of this application. However, if a fee is required, the Commissioner is hereby authorized to charge any other fees associated with the filing submitted herewith, or credit any overpayments to Deposit Account No. 07-1896. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Date: September 29, 2005



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AUG 10 2005



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/511,244	Dipti Sareen	UCSD1420-1

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INTERNATIONAL APPLICATION NO.	
PCT/US03/11539	
I.A. FILING DATE	PRIORITY DATE
04/15/2003	04/15/2002

CONFIRMATION NO. 8727
371 FORMALITIES LETTER

OC000000016603683

Date Mailed: 08/02/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 10/13/2004
- Copy of the International Search Report filed on 10/13/2004
- Preliminary Amendments filed on 10/13/2004
- Request for Immediate Examination filed on 10/13/2004
- U.S. Basic National Fees filed on 10/13/2004
- Priority Documents filed on 10/13/2004

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$975** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$975** for a Small Entity:

- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May

15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

- Total additional claim fee(s) for this application is \$ 975

- \$975 for 107 total claims over 20.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FREDERICK SMITH

Telephone: (703) 308-9140 EXT 210

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/511,244	PCT/US03/11539	UCSD1420-1

FORM PCT/DO/EO/905 (371 Formalities Notice)